



"Trowco"

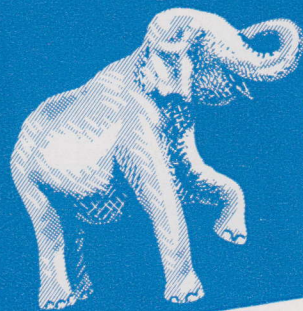
H A N D A N D
P N E U M A T I C

Carbide Tipped
**STONE CUTTING
TOOLS**



TROW & HOLDEN CO., BARRE, VERMONT

**FASTER
CUTTING**



**L·O·N·G·E·R
LIFE**



"Trowco"

CARBIDE-TIPPED

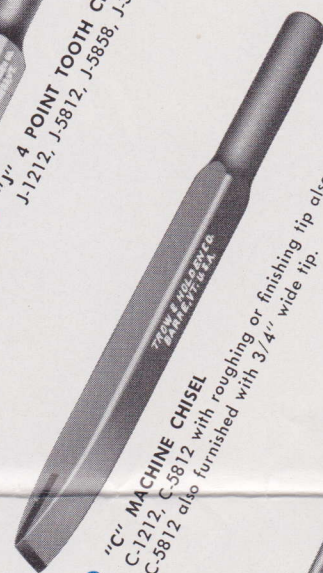
STONE CUTTING TOOLS

For over 50 years, Trow & Holden have produced all types of stone cutting tools. Today, the "Barre" and "Trowco" brands are preferred equipment for use at the quarry and in the shop. "Trowco" carbide-tipped tools have contributed greatly to the progress in stone-craft. Actual tests show that these tools require fewer grindings, give better all around performance for cutting, drilling, carving, bushing, cleaning up, etc., and make

possible greater speed, durability and economy. Many users have found "Trowco" carbide-tipped tools to last 10 to 20 times as long as the conventional tool. They'll pay for themselves many times over in increased production and time saved. There's a complete and wide variety of Trow & Holden cutting tools available (several types are shown on this page). Remember, they'll help you to cut stone easier and faster.



"J" 4 POINT TOOTH CHISEL
J-1212, J-5812, J-5858, J-3412, J-3458



"C" MACHINE CHISEL
C-1212, C-5812 with roughing or finishing tip also C-5858
C-5812 also furnished with 3/4" wide tip.

TROW & HOLDEN COMPANY

B A R R E , V E R M O N T

● Pneumatic

58, C-3458



SHARPEN "TROWCO" STONE CUTTING TOOLS WITH "ALL-IN-ONE" GRINDING EQUIPMENT

Although many equally good carbide tool grinders are available, we recommend "All-In-One" Grinding and Lapping Equipment for use in sharpening your "TROWCO" Stone Cutting Tools. This fine equipment available either with or without base from our stock includes these features:

- Work tables easily and quickly adjustable for peripheral grinding on straight wheels, or grinding and lapping on cup wheels.
- Capable of accurately producing any form of tool tip and duplicating it at any future date.
- High grade, 110 volt, electric motor with SKF ball bearings.
- Vertical adjustment of 1 1/2" in work tables which enables tools of different heights of shanks to be ground with cutting edge level with wheel center.

GENERAL INFORMATION FOR GRINDING AND SHARPENING CARBIDE TIPPED TOOLS

"Trowco" Stone Cutting Tools will cut faster and stay sharp longer — but will provide this extra service **ONLY SO LONG AS YOU GIVE THESE TOOLS THE PROPER CARE IN USE AND RE-SHARPENING.** The carbide tips are brittle, lack elasticity and must be used carefully to avoid chipping. Care must be observed in grinding to avoid local heating of the tools which may cause "crazing", minute cracks or actual heat cracks, which will shorten the life of the cutting edge.

Observe the following rules and your "Trowco" stone cutting tools will outlast conventional cutting tools TEN to ONE.

- Don't throw them around carelessly — they chip easily.
- When grinding the carbide tip don't bring the edge to knife sharpness or it will chip. Leave the edge just a little blunted.
- Don't use an ordinary wheel for grinding carbide. Use a silicon carbide or diamond wheel for the carbide and an ordinary wheel for the steel. See wheel specifications recommended below.
- Don't grind down the steel sidewalls unnecessarily or taper the carbide tip too thin.
- Keep the tool constantly in motion while grinding to avoid over-heating.
- Don't use too much pressure. Cut air pressure 1/3 and see how easily you can go through your work.
- Never quench the carbide tip in water to cool it after grinding as this may cause cracking.
- Don't allow the tool to wobble or chatter while grinding.
- Best results are obtained with a peripheral wheel speed of 5000 to 5500 s.f.p.m. and with a good ball-bearing bench-grinder.
- Keep wheels trued and in balance.

WHEEL RECOMMENDATIONS

	NORTON	CARBORUNDUM	BAY STATE
Silicon Carbide	39C80-J7V	GC-80-J11-VR	IC-60G8-V2
Diamond	Cup-6" D-100-N100 1/16 116		6" EXCELLO CUP WHEEL